PCG-X505CP
VGN-X505ZP
VGN-X505VP
VGN-X505AP

SERVICE MANUAL

Ver 6-2004H

Revision History

Area	Model	Lineup	
Japanese	Japanese	PCG-X505CP	⚠ [MA]
American	US/Canadian	VGN-X505ZP	
European	AEP/UK	VGN-X505VP	
Asian/Oceania/ South Africa	Chinese	VGN-X505AP	⚠ [MA]

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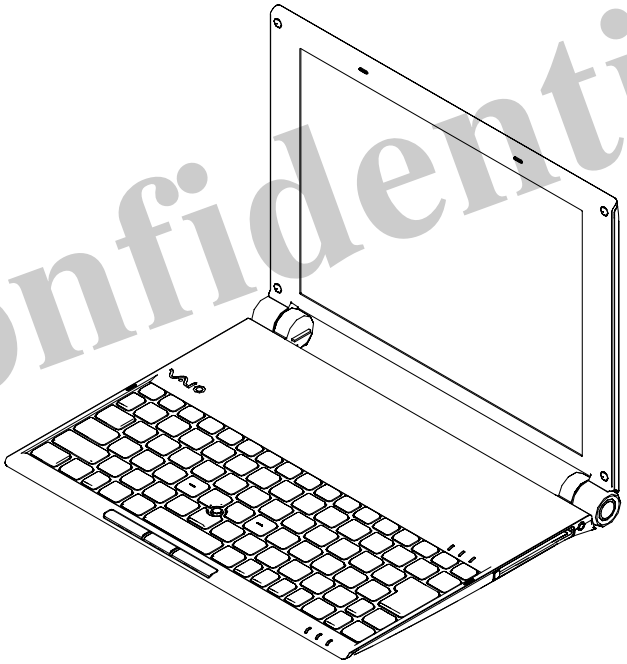

Illust : PCG-X505CP

i™ S400 MEMORY STICK™ Wi Fi® CERTIFIED

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- Design and specifications are subject to change without notice.
- 本機の仕様および外観は, 改良のため予告なく変更することがありますが, ご了承ください。

NOTEBOOK COMPUTER

SONY®

9-876-368-06

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All other name of systems, products and services in this manual are trademarks or registered trademarks of their respective owners.
In this manual, the (TM) or (R) mark are not specified.

Caution Markings for Lithium/Ion Battery - The following or similar texts shall be provided on battery pack of equipment or in both the operating and the service instructions.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

CAUTION: The battery pack used in this device may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 100°C (212°F) or incinerate.
Dispose of used battery promptly.
Keep away from children.

CAUTION: Changing the back up battery.
- Overcharging, short circuiting, reverse charging, multilation or incineration of the cells must be avoided to prevent one or more of the following occurrence; release of toxic materials, release of hydrogen and/or oxygen gas, rise in surface temperature.
- If a cell has leaked or vented, it should be replaced immediately while avoiding to touch it without any protection.

Service and Inspection Precautions

1. Obey precautionary markings and instructions

Labels and stamps on the cabinet, chassis, and components identify areas requiring special precautions. Be sure to observe these precautions, as well as all precautions listed in the operating manual and other associated documents.

2. Use designated parts only

The set's components possess important safety characteristics, such as noncombustibility and the ability to tolerate large voltages. Be sure that replacement parts possess the same safety characteristics as the originals. Also remember that the ⚠ mark, which appears in circuit diagrams and parts lists, denotes components that have particularly important safety functions; be extra sure to use only the designated components.

3. Always follow the original design when mounting parts and routing wires

The original layout includes various safety features, such as inclusion of insulating materials (tubes and tape) and the mounting of parts above the printer board. In addition, internal wiring has been routed and clamped so as to keep it away from hot or high-voltage parts. When mounting parts or routing wires, therefore, be sure to duplicate the original layout.

4. Inspect after completing service

After servicing, inspect to make sure that all screws, components, and wiring have been returned to their original condition. Also check the area around the repair location to ensure that repair work has caused no damage, and confirm safety.

5. When replacing chip components...

Never reuse components. Also remember that the negative side of tantalum capacitors is easily damaged by heat.

6. When handling flexible print boards...

- The temperature of the soldering-iron tip should be about 270°C.
- Do not apply the tip more than three times to the same pattern.
- Handle patterns with care; never apply force.

Caution: Remember that hard disk drives are easily damaged by vibration. Always handle with care.

ATTETION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉSDANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

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PCG-X505CP (J)
VGN-X505ZP (AM)
VGN-X505VP (EU)
VGN-X505AP (AO)

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LCD		
	L-1	4-3
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History of the changes is shown as the "Revision History" at the end of this data.

変更履歴は，" Revision History " として，本データ末に記載してあります。

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CHAPTER 1.
SPECIFICATIONS

1-1. Specifications

	J	AM	EU	AO
	PCG-X505CP	VGN-X505ZP	VGN-X505VP	VGN-X505AP
CPU	PM-1.1 ULV	PM-1.1 ULV	PM-1.1 ULV	PM-1.1 ULV
ChipSet	Intel 855GM	Intel 855GM	Intel 855GM	Intel 855GM
Graphic	Intel 855GM	Intel 855GM	Intel 855GM	Intel 855GM
LCD	10.4"XGA	10.4"XGA	10.4"XGA	10.4"XGA
HDD	20GB	20GB	20GB	20GB
MEMORY	512MB Onboard	512MB Onboard	512MB Onboard	512MB Onboard
Internal W-LAN	×	×	×	×
AC adaptor	PCGA-AC16V6	PCGA-AC16V6	PCGA-AC16V6	PCGA-AC16V6
Battery	PCGA-BP505	PCGA-BP505	PCGA-BP505	PCGA-BP505
Accessory	VGA/LAN Adaptor	VGA/LAN Adaptor	VGA/LAN Adaptor	VGA/LAN Adaptor
	-	VGP-MCA10	VGP-MCA10	VGP-MCA10
	-	-	PCGA-DDRW2	PCGA-DDRW2
	-	PCGA-C800S/B	PCGA-C300S/B	PCGA-C300S/B
OS	XP Professional	XP Professional	XP Professional	XP Professional

⚠1 [MA]

⚠4 [MA]

• The trademarks or registered trademarks of above table, refer to page 2.

• 本表中の商標・登録商標については, 2 ページをご参照下さい。

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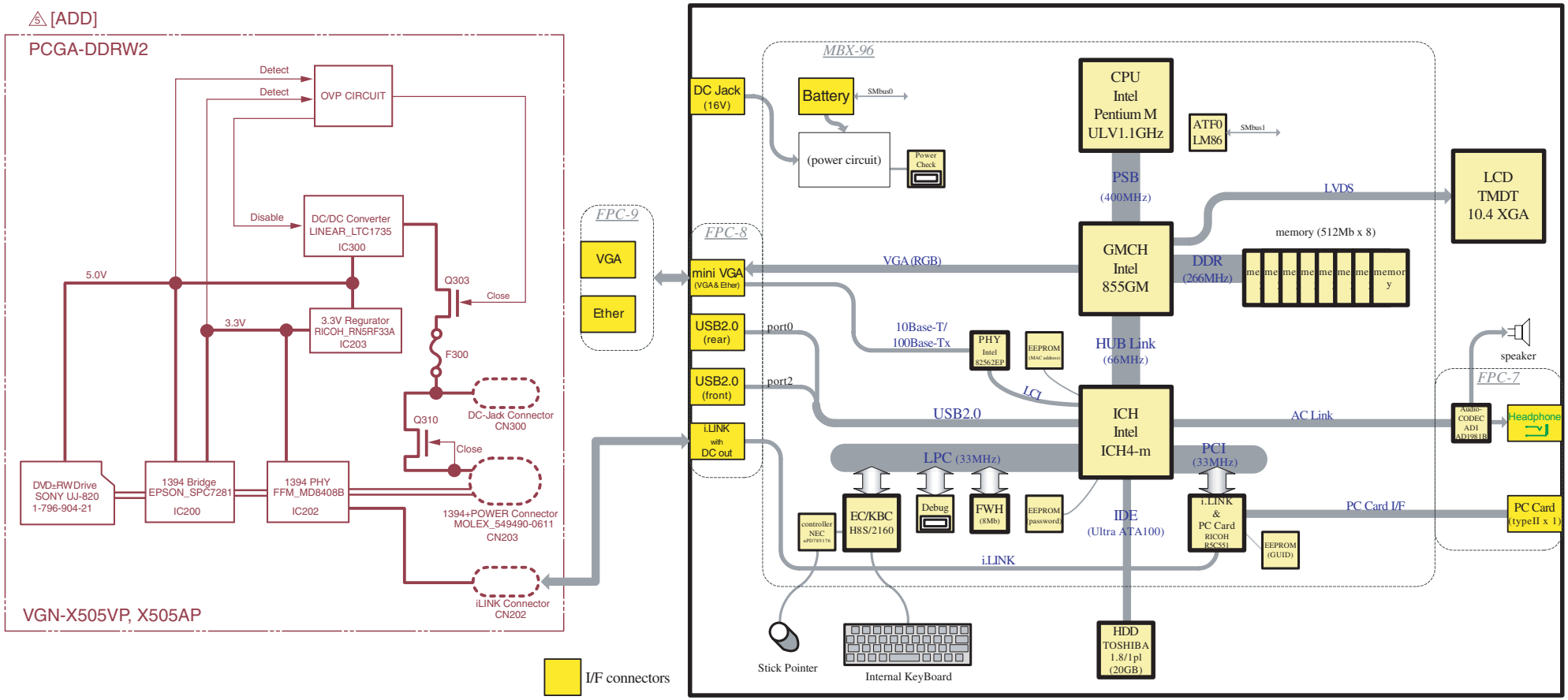

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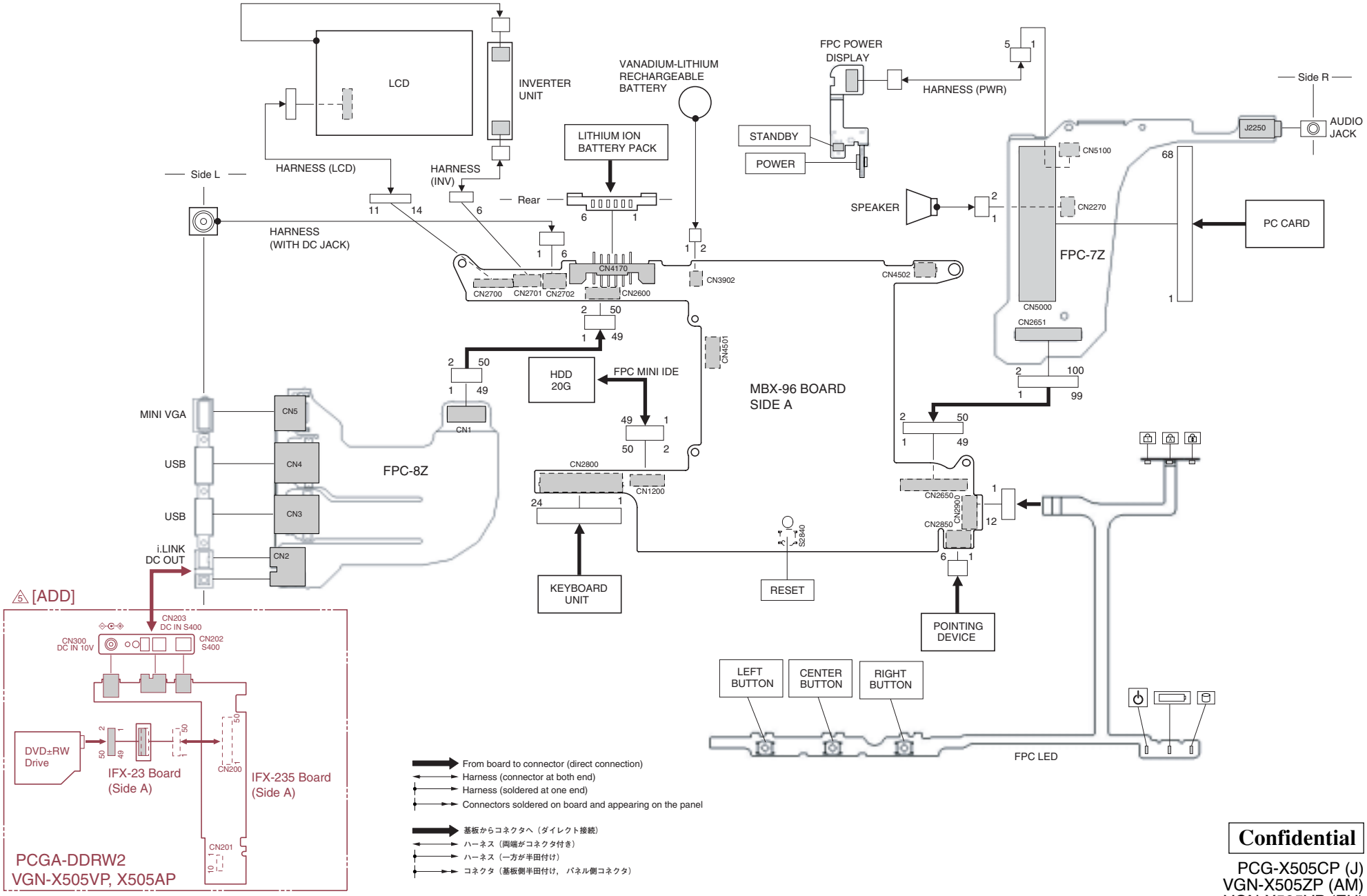
CHAPTER 3.
FRAME HARNESS DIAGRAM



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PCG-X505CP (J)
VGN-X505ZP (AM)
VGN-X505VP (EU)
VGN-X505AP (AO)

CHAPTER 4.
EXPLODED VIEWS AND PARTS LIST

• The parts list is compiled by blocks of a palmrest and bottom etc. The sections of the parts list are different depending on the model. Please refer to list of contents shown in the below.

・分解図と部品表は，パームレスト，ボトムなどのブロックごとに分かれています。機種によって部品表のセクションが異なりますので，詳細は右下の一覧表を参照してください。

Section	Page	
Main Section		
MS-1	4-2	
LCD		
L-1	4-3	
Accessories		
A-1	4-4	
A-2	4-5	⚠5 [ADD]

NOTE:

- Items marked " * " are not stocked since they are seldom required for routin service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- When two or more parts are shown, use the parts described first as the main part.
- The parts marked " $ " are the High Value Modules (HVM).
- The parts marked " # " are the parts on which barcode label is attached. For the barcode label, refer to CHAPTER 5.
- The parts marked " & " are the "Customer Replacable parts (CRP)" that can be replaced by Field Customer Support. Especially the parts with the <&> mark require the special attention to use them. Here fore, check first whether the desired part is one of the targetted parts of the Customer Replacable Parts (CRP), or the non-targetted parts by referring to the exploded view.
- The model that is accompanied by asterisk (*) is the CTO model. The parts to component for CTO models, refer to CTO Information.

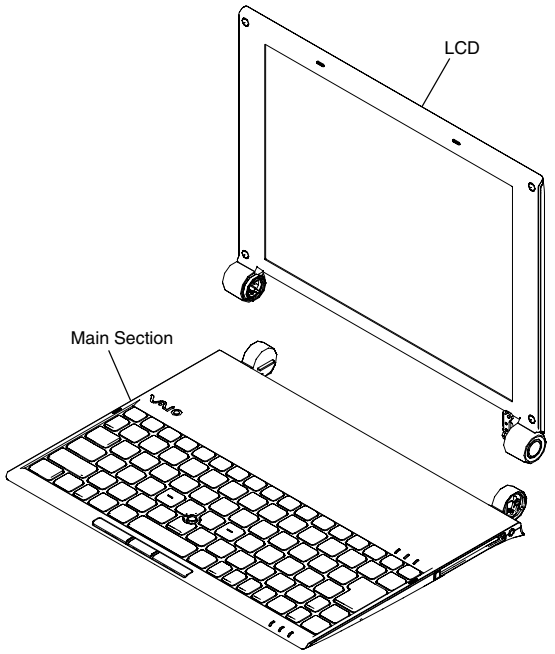
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

【使用上の注意】

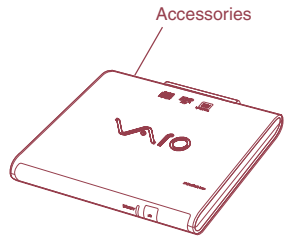
・* 印の部品は常備在庫しておりません。
・図面番号のない部品は供給しません。
・併記部品の場合，上部記載部品をメイン部品として使用してください。
・部品名称の前に$ 印のついた部品は，High Value Module(HVM)です。
・部品名称の前に#印のついた部品は，バーコードラベル貼付部品です。
バーコードラベルについては，CHAPTER 5を参照してください。
・部品名称の前に&印のついた部品は，お客様窓口などでも交換可能な Customer Replacable Parts (CRP)です。
特に <&> 印のついた部品は，使い分けが必要な部品ですので，分解図でCoustomer Replacable Parts 対象部品か，対象外部品かを必ず御確認ください。
・機種名に (*) がつくのは，CTOモデルです。
組み合わせについては，CTO Informationをご参照ください。

⚠印の部品，または⚠印付きの点線で囲まれた部品は，安全性を維持するために重要な部品です。従って交換時は，必ず指定の部品を使用して下さい。



⚠5 [ADD]

VGN-X505VP, X505AP



			Main Section	LCD	Accessoris
⚠1 [MA]	J	PCG-X505CP	MS-1	L-1	A-1
	AM	VGN-X505ZP	MS-1	L-1	A-1
	EU	VGN-X505VP	MS-1	L-1	A-1, A-2
⚠4 [MA]	AO	VGN-X505AP	MS-1	L-1	A-1, A-2

⚠5 [ADD]

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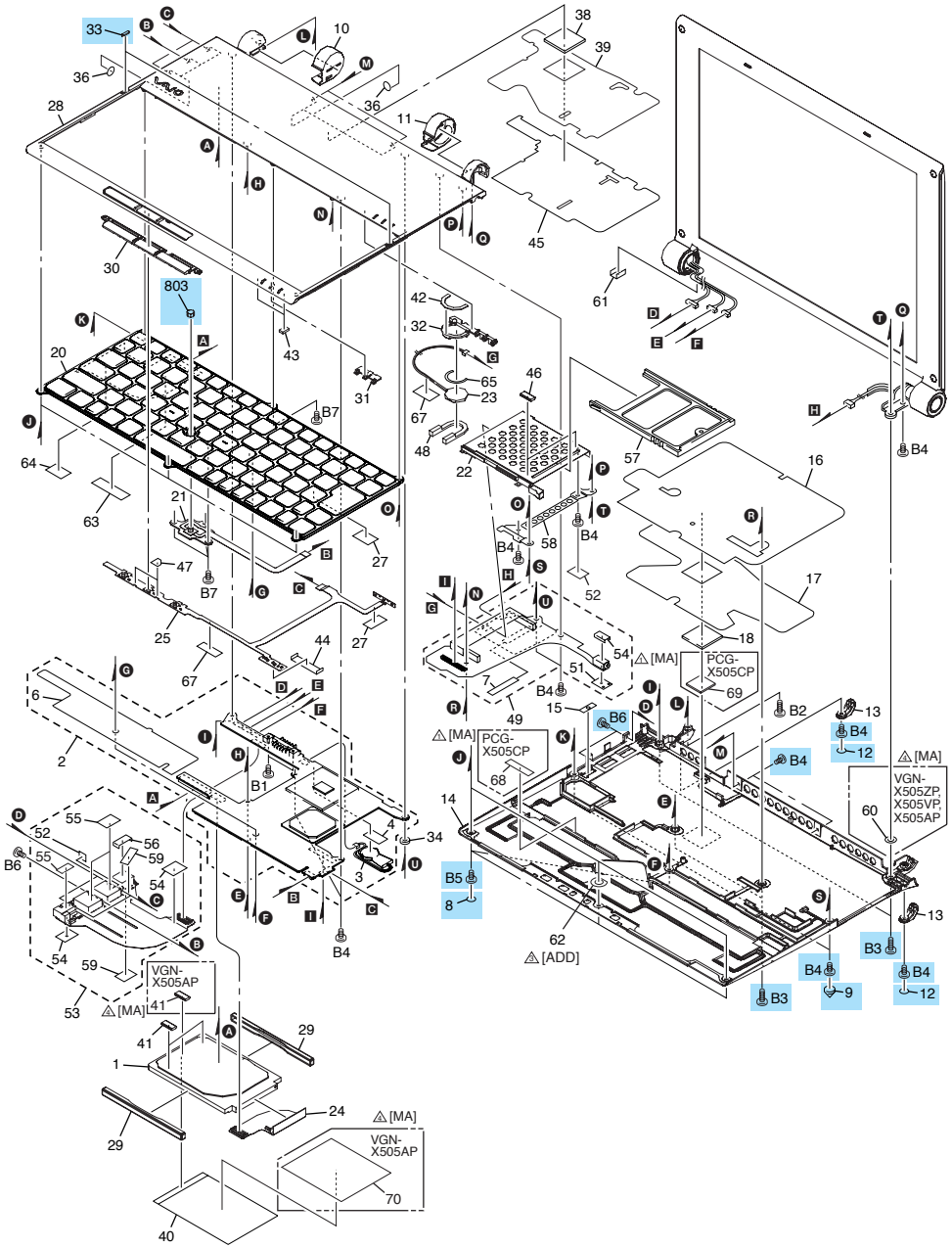
PCG-X505CP (J)
VGN-X505ZP (AM)
VGN-X505VP (EU)
VGN-X505AP (AO)

MS-1. Main Section



MS-1

Ref.No.	Part No.		Description
1	A-8118-089-A	$ #	HDD (20GB) (TO1.8) ASSY (S)
2	A-1061-232-A	$ #	ASSY MBX-96 (P1100) (S)
3	1-756-424-11		BATTERY, VANADIUM-LITHIUM
4	4-642-711-01		SHEET (BATTERY), ADHESIVE
6	4-680-564-01		SHEET MBX (MEMORY)
7	4-676-894-01		TAPE HDD FPC L
8	4-678-800-01	&	FOOT BOTTOM
9	4-678-801-01	&	FOOT (BOTTOM) (MID)
10	4-678-923-02		COVER (HINGE) (L)
11	4-678-924-02		COVER (HINGE) (R)
12	4-678-932-01	&	FOOT (BOTTOM) (REAR)
13	4-679-752-01		STOPPER HINGE
15	4-680-164-01		SHEET (BOTTOM) (ILINK)
16	4-680-372-01		SHEET (BOTTOM)
17	4-680-427-02		SHEET (GS) (BOTTOM)
18	4-680-440-01		CUSHION (THERMAL) (BOTTOM)
21	1-796-869-11		HOSHIDEN POINTING DEVICE
22	1-818-153-11		CONNECTOR, PC CARD
23	1-825-676-11		SPEAKER (1.6CM)
24	1-861-162-11		PWB, FLEXIBLE PRINT (MINI IDE)
25	1-861-166-11		PWB, FLEXIBLE PRINT (LED)
27	4-658-789-02		TAPE (HARNESS)
28	A-8119-542-A		ASSY (CABINET) (PALMREST) (S)
29	4-678-799-01		CUSHION (HDD)
30	4-678-917-02		BUTTON L
31	4-678-927-02		LENS (PWR)
32	4-678-928-01		LENS (KEY)
33	4-678-931-01	&	CUSHION (PALM)
34	4-680-161-01		RING (MBX)
36	2-023-639-01		SHEET (SCREW) K2
38	4-680-441-01		CUSHION (THERMAL) (PALM)
39	4-680-442-01		SHEET (GS) (PALM)
40	4-680-443-01	#	SHEET (HDD)

Ref.No.	Part No.		Description
41	4-680-444-01		GASKET (HDD)
42	4-680-565-01		CUSHION (LED)
43	4-680-857-01		CUSHION LED PWR
44	4-680-874-01		SHEET LED PWR
45	2-055-461-01		SHEET PALM K2
46	4-680-891-01		GASKET (PCMCIA)
47	4-680-894-01		SHEET FPC SW (L)
48	2-023-640-01		CUSHION SPEAKER (L) K2
49	A-8118-842-A		ASSY FPC-7(S)
51	4-680-414-01		SHEET (URAATE) (AUDIO)
52	4-680-889-01		SHEET (FPC7) (1005)
53	A-8118-843-A		ASSY FPC-8 (S)
54	4-680-163-01		SHEET (FPC) (ILINK)
55	4-680-519-01		BASE (L), SHIELDTAPE
56	4-680-887-01		SHIELDTAPE (MINIVGA)
57	4-643-832-51		DUMMY CARD
58	4-678-803-01		PLATE (PCMCIA)
59	4-681-414-01		SHEET (FPC8) (CAPTON)
61	4-681-385-01		COVER HARNESS
62	4-681-449-01		WASHER (T0.25)
63	2-023-641-01		GUARD MEMBRANE L (K2)
64	2-023-642-01		GUARD MEMBRANE S (K2)
65	4-681-701-01		DOUBLE SIDE TAPE (SPEAKER)
67	4-672-236-01		TAPE COAXIAL CABLE
B1	4-671-538-11		SCREW(M2X4), SPECIAL HEAD
B2	4-641-726-91		SCREW (M2), SPECIAL HEAD
B3	4-681-432-01	&	SCREW (M2) (SPIN)
B4	4-672-836-11	<&>	SCREW ,M2 SPECIAL HEAD,EG GRIP
B5	4-680-939-01	&	SCREW(M2)(GOKUHIRA)(MITSUMIZO)
B6	4-681-434-01	<&>	SCREW M1.7 TYPE NO.0 P2
B7	4-679-790-11		SCREW M2 SPECIAL HEAD

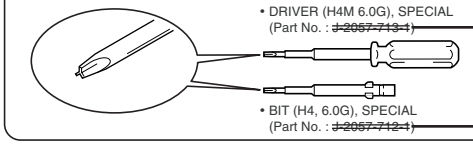
△[ADD]

	Ref. No.	Part No.		Description	J X505CP	AM X505ZP	EU X505VP	AO X505AP
△[MA]	14	X-2021-308-1		SUB ASSY CABINET BOTTOM(K2)	●			
		4-680-049-11		CABI BOTTOM PC-ASA		●	●	●
△[MA]	20	1-478-479-12	#	KEY BOARD UNIT (J)	●			
		1-478-479-21	#	KEY BOARD UNIT (US)		●		●
		1-478-479-31	#	(UK)...KEY BOARD UNIT (GB)			●	
		1-478-479-41	#	(German)...KEY BOARD UNIT (DE)			●	
		1-478-479-51	#	(French)...KEY BOARD UNIT (FR)			●	
		1-478-479-61	#	(Italian)...KEY BOARD UNIT (IT)			●	
	60	4-681-252-01		SPACER (BOS) (CAPTON)		●	●	●
△[MA]	68	4-676-302-01		TAPE (COMMON)	●			
△[MA]	69	2-178-003-01		SPACER(CFRP THERMAL)	●			
△[MA]	70	2-190-143-01		BUSTERAID HDD				●
					△[MA]			△[MA]

• This parts list contains two different types of parts.
The first type is the parts that are common to all models.
The other type is the parts that are different depending on each model.

・この部品表は，機種共通の部品と，機種によって使い分けが必要な部品に分かれています。

Since Ref. No. B3 and B5 are special screws, one of the following special tools is needed for removal.
Ref. No. B3, B5は，特殊ビスのため取り外しには次のいずれかの専用工具が必要です。



• DRIVER (H4M 6.0G), SPECIAL (Part No. : ~~J-2057-713-1~~) △[COR] J-2507-713-1

• BIT (H4, 6.0G), SPECIAL (Part No. : ~~J-2057-712-1~~) △[COR] J-2507-712-1

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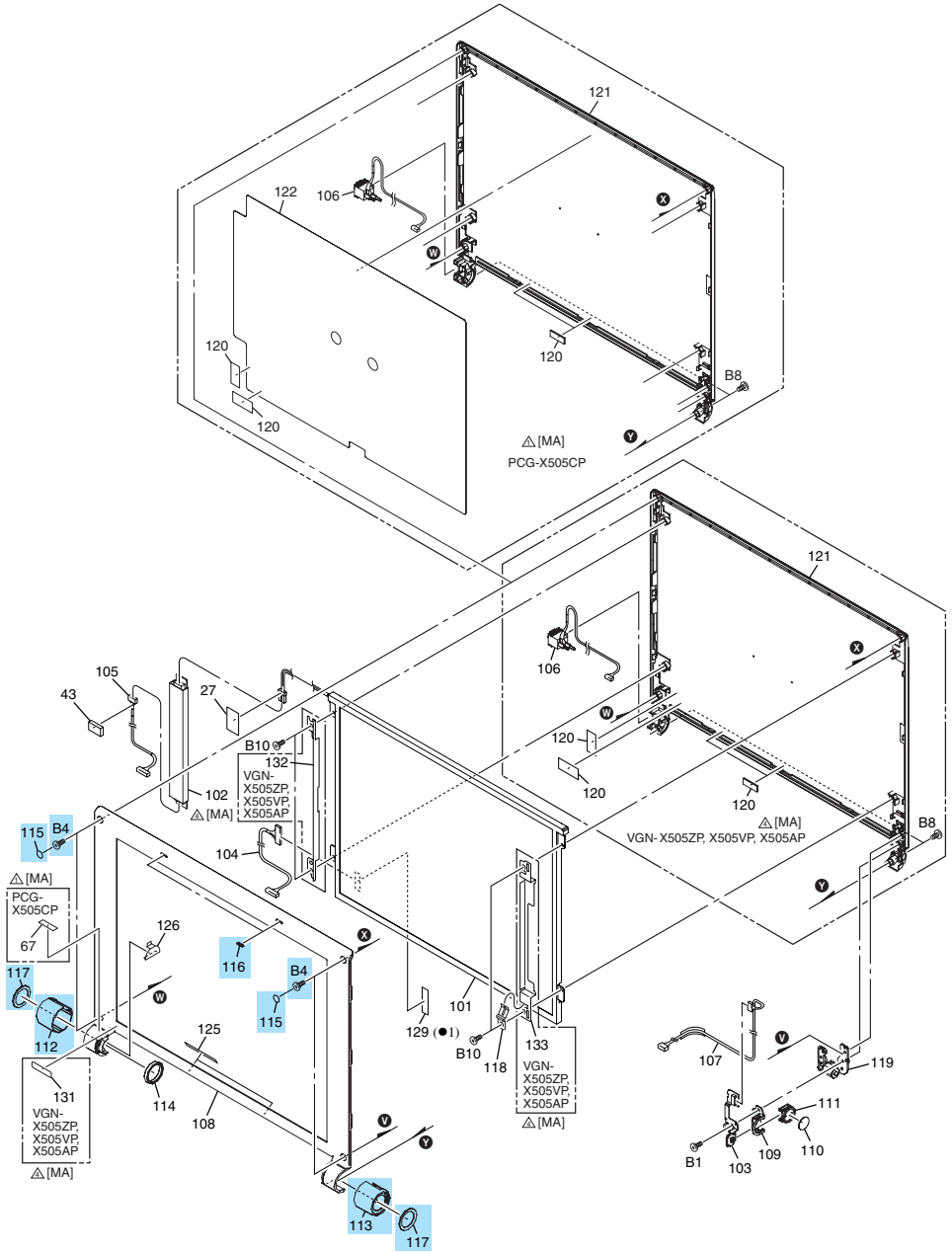
PCG-X505CP (J)
VGN-X505ZP (AM)
VGN-X505VP (EU)
VGN-X505AP (AO)

L-1. LCD 10.4-inch XGA

- Made by TS-



Ref.No.	Part No.		Description
27	4-658-789-02		TAPE (HARNESS)
43	4-680-857-01		CUSHION LED PWR
101	A-1074-821-A	$ #	LCD UNIT(J)(S)
102	1-478-476-11		INVERTER UNIT
103	1-861-165-21		FPC (POWER DISPLAY)
104	1-962-652-21		LCD HARNESS
105	1-962-653-11		INV HARNESS
106	1-962-654-21		DC HARNESS
107	1-962-656-11		PWR HARNESS A
108	4-678-545-02		CABINET BEZEL
109	4-678-913-01		BASE POWER BUTTON
110	4-678-914-01		ESCUSHION PWR BUTTON
111	4-678-915-01		BUTTON POWER
112	4-678-919-03	&	CAP HINGE L
113	4-678-920-03	&	CAP HINGE R
* 114	4-678-922-01		COLOR
115	4-678-925-01	&	COVER (SCREW) (DISPLAY)
116	4-678-926-01	&	CUSHION (BEZEL)
117	4-678-929-01	&	ESCUSHION (HINGE)
* 118	4-678-930-01		PLATE (GND) (LCD)
119	4-679-829-02		HINGE
120	4-680-893-01		CUSHION (LCD)
125	2-023-643-01		SHEET BEZEL ADHESIVE (K2)
126	4-682-321-01		PROTECT SHEET HARNESS
129	————		FILAMENT TAPE (W12X30) (I1)
B1	4-671-538-11		SCREW (M2X4), SPECIAL HEAD
B4	4-672-836-11	<&>	SCREW ,M2 SPECIAL HEAD,EG GRIP
B8	4-645-214-41		GRIP, M2 SPECIAL FLAT HEAD (EG)
B10	4-671-875-21		SCREW M2(EG GRIP)

●1 Use the FILAMENT TAPE.

	Ref. No.	Part No.	Description	J X505CP	AM X505ZP	EU X505VP	AO X505AP
△[MA]	67	4-672-236-01	TAPE COAXIAL CABLE	●			
△[MA]	121	A-1061-266-A	CABINET DISPLAY CFRP(K2)(S)	●			
		A-1061-267-A	CABINET DISPLAY PA-ASA(K2)(S)		●	●	●
△[MA]	122	4-680-882-02	SHEET (DISPLAY)	●			
△[MA]	131	2-067-537-01	LABEL ID				●
		2-067-537-11	LABEL ID		●		
		2-067-537-21	LABEL ID			●	
	132	2-067-393-01	PLATE DISPLAY L		●	●	●
	133	2-067-392-01	PLATE DISPLAY R		●	●	●
				[MA]△			[MA]△

• This parts list contains two different types of parts.
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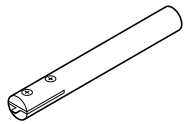
・この部品表は，機種共通の部品と，機種によって使い分けが必要な部品に分かれています。

A special tool is required to remove Ref. No. 108.
Ref. No. 108の取り外しには， 専用工具が必要です。



• LCD JIG for X505
(Part No. : J-2507-775-1)

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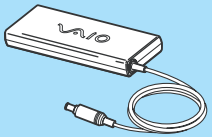
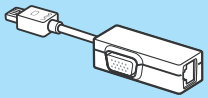
PCG-X505CP (J)
VGN-X505ZP (AM)
VGN-X505VP (EU)
VGN-X505AP (AO)

A-1. Accessories

801
AC Adaptor

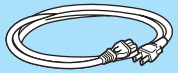


802
VGA/LAN Adaptor

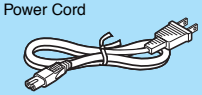


803
Spare Cap

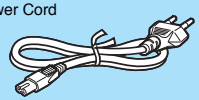
⚠[MA] **804**
Power Cord



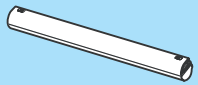
805
Power Cord



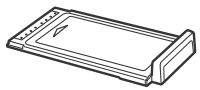
806
Power Cord



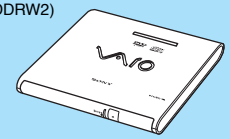
807
Battery Pack



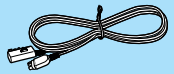
808
Wireless LAN PC Card



809
DVD+-RW
(PCGA-DDRW2)



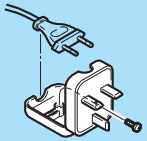
810
i.LINK Connection Cord



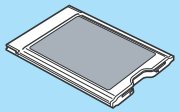
The PCGA-DDRW2 itself does not have the Part No.
Refer to "A-2. Accessories". ⚠[CHG]

本体自体にPart No.はありません。
A-2. Accessoriesを参照してください。⚠[CHG]

811
Adaptor Conversion
Plug 3P



812
Memory Card Adaptor



813
Cleaning Cloth

Ref.No.	Part No.		Description
⚠ 801	1-477-749-52 $	&	ADAPTOR, AC
802	A-8119-547-A	&	COMPLETE PWB FPC-VGA ADP (S)
803	4-680-464-01	&	BAG (CAP POINTER)

	Ref. No.	Part No.		Description	J X505CP	AM X505ZP	EU X505VP	AO X505AP
⚠[MA]	⚠804	1-790-732-32	&	CORD, POWER	●			
⚠[MA]		1-782-476-22	&	CORD, POWER				●
	⚠805	1-757-562-21	&	CORD, POWER		●		
	⚠806	1-575-131-61	&	CORD, POWER			●	
⚠[MA]	807	A-1071-020-A $	&	BATTERY PACK,LI-ION(J)(K2)(S)	●			
		A-1071-021-A $	&	BATTERY PACK,LI-ION(U)(S)		●		
		A-1071-022-A $	&	BATTERY PACK,LI-ION(E)(S)			●	
⚠[MA]		A-1071-023-A $	&	BATTERY PACK,LI-ION(C)(S)				●
	808	A-1052-409-A		CP-1055 (UC) ASSY		●		
		A-1052-422-A		CP-1046 (CE) ASSY			●	
⚠[MA]		A-1072-947-A		CP-1046 (CN) ASSY				●
	809		$ &	PCGA-DDRW2			●	●
	810	1-823-439-21	&	CORD, I LINK CONNECTION			●	●
	811	1-770-019-12	&	(UK)...ADAPTOR, CONVERSION PLUG 3P			●	
	812	1-478-615-11	&	MEMORY CARD ADAPTER		●	●	●
	813	4-680-403-01	&	CLEANING CLOTH		●	●	●
⚠[MA]	-	2-048-416-01	&	INSTRUCTION MANUAL (XP Professional)	●			
⚠[MA]	-	2-102-960-31	&	INSTRUCTION MANUAL (XP Professional)				●
	-	2-055-284-01	&	QUICK START		●		
	-	2-055-058-01	&	GETTING STARTED			●	
	-	2-055-057-11	&	(UK)...HW SPECS			●	
	-	2-055-057-21	&	(German)...HW SPECS			●	
	-	2-055-057-31	&	(French)...HW SPECS			●	
	-	2-055-057-41	&	(Italian)...HW SPECS			●	
							⚠[MA]	⚠[MA]

• This parts list contains two different types of parts.
The first type is the parts that are common to all models.
The other type is the parts that are different depending on each model.

・この部品表は，機種共通の部品と，機種によって使い分けが必要な部品に分かれています。

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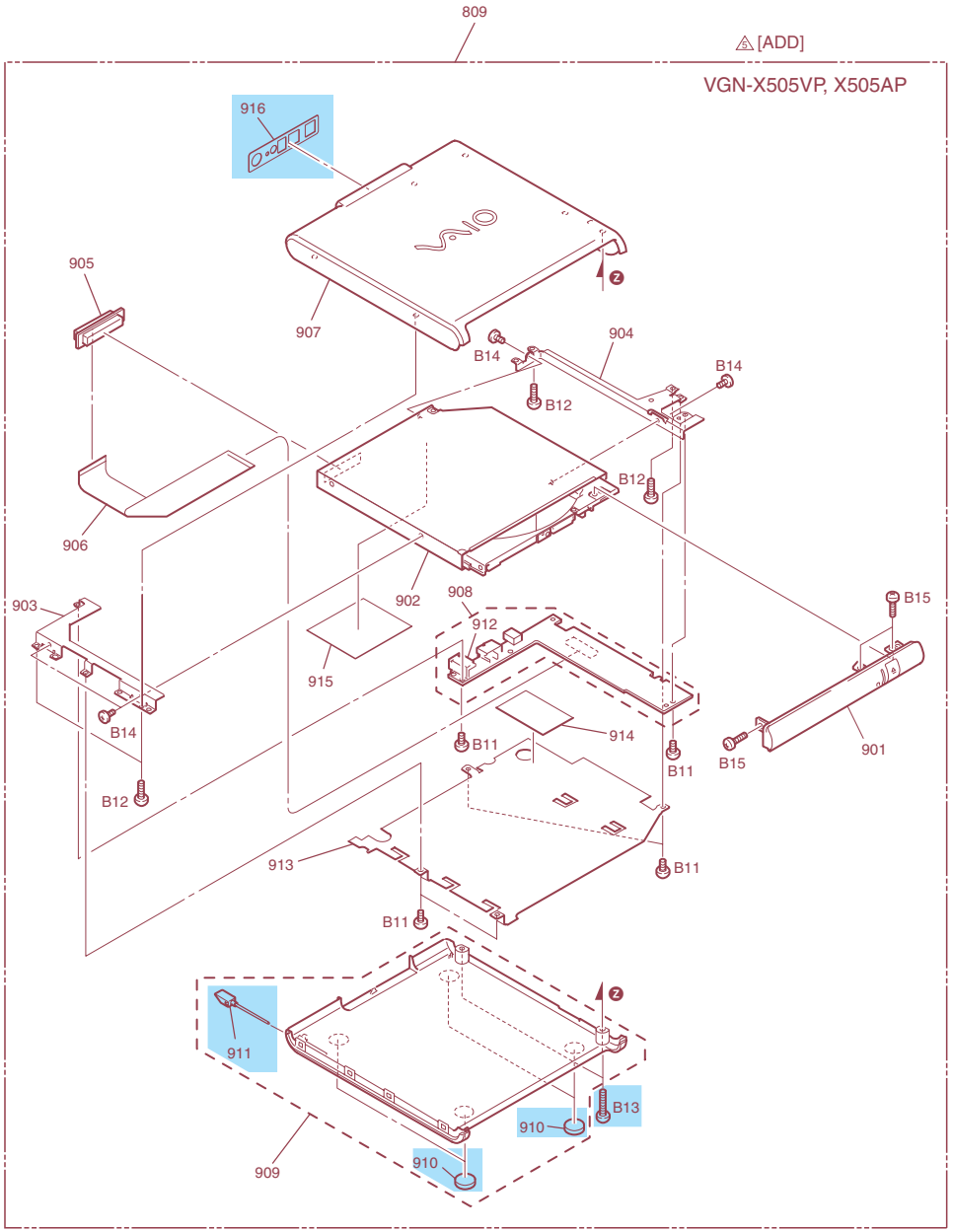
A-2. Accessories ⚠[ADD]



⚠[ADD]

Ref. No.	Part No.		Description	J X505CP	AM X505ZP	EU X505VP	AO X505AP
901	X-2021-041-1		BEZEL ASSY			●	●
902	1-796-904-21	$ #	DVD+-RW (UJ-820)			●	●
* 903	4-657-336-11		REINFORCEMENT			●	●
* 904	4-657-338-11		SUPPORT, PC BOARD			●	●
905	A-1068-578-A	$	IFX-236 MOUNT (S)			●	●
906	1-823-520-11		FLEXIBLE FLAT CABLE			●	●
907	X-2021-042-1		CABINET (UPPER) ASSY			●	●
908	A-1068-579-A	$ #	IFX-235 COMPLE (S)			●	●
909	X-2021-043-1	#	CABINET (LOWER) ASSY			●	●
910	4-642-628-02	&	FOOT			●	●
911	4-657-352-11	&	PIN, EJECT			●	●
912	1-569-966-11		JACK,DC(POLARITY UNIFIED TYPE)			●	●
* 913	4-657-337-11		PLATE, SHIELD			●	●
914	4-659-705-11		SPACER			●	●
915	4-659-701-11		SHEET			●	●
916	4-667-102-01	&	PLATE, ORNAMENTAL			●	●
B11	7-627-854-07		PRECISION SCREW +P 2X2.5 TYPE3			●	●
B12	7-685-104-14		SCREW +P 2X6 TYPE2 NON-SLIT			●	●
B13	7-685-105-14	&	TAPPING +P 2X8 NON-SLIT			●	●
B14	4-656-703-01		SCREW M2			●	●
B15	4-645-050-01		TITE, 0 PLATE SPECIAL HEAD (B)			●	●

• This parts list contains two different types of parts.
The first type is the parts that are common to all models.
The other type is the parts that are different depending on each model.

・この部品表は，機種共通の部品と，機種によって使い分けが必要な部品に分かれています。

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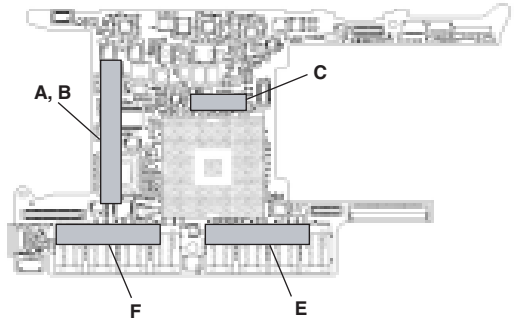
5-1. The Barcode Label

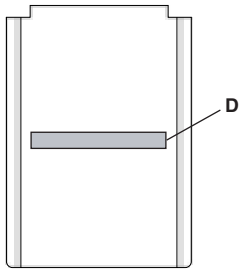
The hatched portion of the barcode label is used as the repair data.

バーコードラベルの網掛け部は，修理データとして使用いたします。

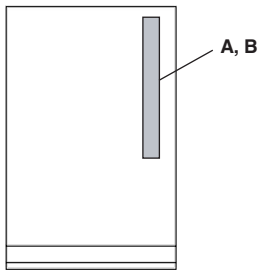
[MBX-96 Board]
(Side B)



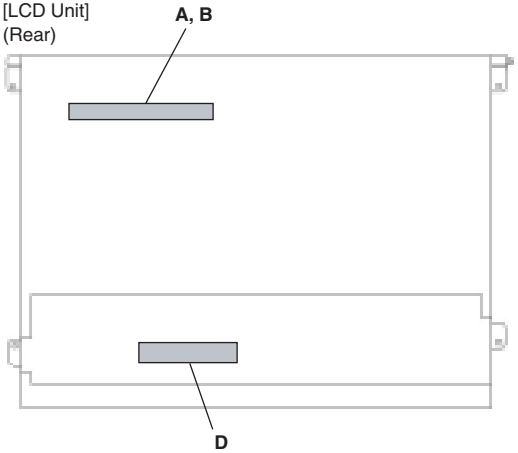
[HDD]
(Top)



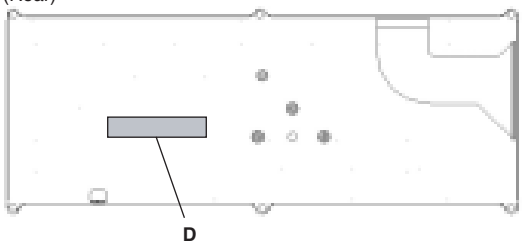
[HDD Sheet]

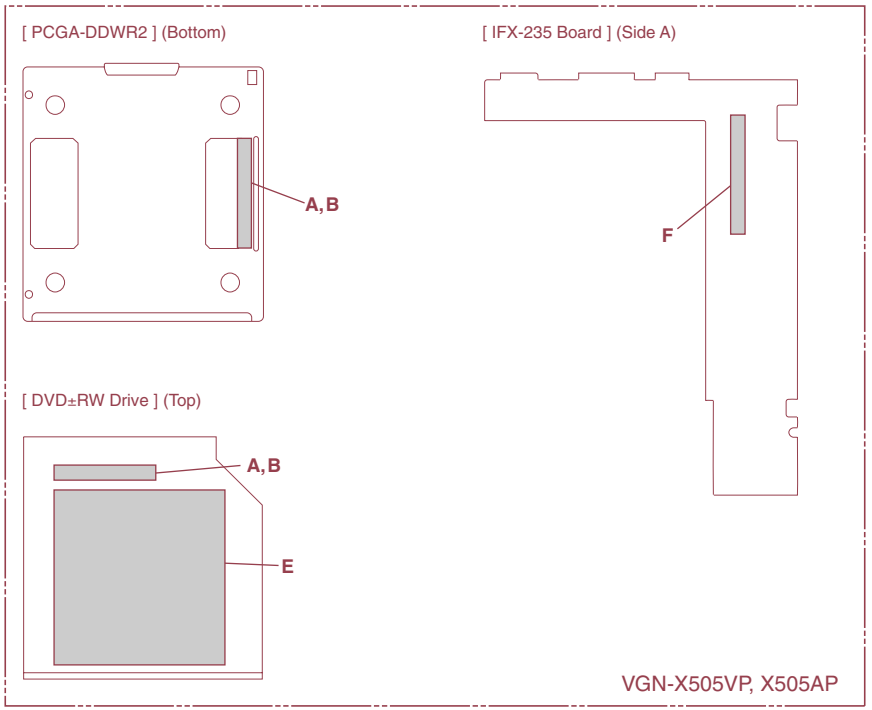


[LCD Unit]
(Rear)



[Keyboard Unit]
(Rear)





△5 [ADD]

A :Part No.
B :Serial No.
C : Revision No.
D :Product Code
E : Maker Barcode
F :Global User ID (iLink)
G :Mac Address
▭ :Barcode

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PCG-X505CP (J)
VGN-X505ZP (AM)
VGN-X505VP (EU)
VGN-X505AP (AO)

List of X505 Series (As of August, 2004)

Service Manual Parts No.	Model Name				
	J	AM	EU	AO	
9-876-351-XX	PCG-X505/SP PCG-X505/P				
9-876-368-XX	PCG-X505CP	VGN-X505ZP	VGN-X505VP	VGN-X505AP	☜

☜ : Additional Models

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English / Japanese
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Revision History

Suffix	Ver.	Date	Contents	QM No.
-01	Ver. 1	2004.06.04	First Edition	
-02	Ver. 2	2004.07.05	△1 **Front Page (Model Line Up), Page 1-1, Page 4-1, Page 4-2, Page 4-3, Page 4-4, Back Cover**	N2004_070AK
-03	Ver. 3	2004.07.20	△2 **Front Page, Page 4-2, Back Cover**	N2004_078CK
-04	Ver. 4	2004.07.22	△3 **Front Page, Page 4-2, Back Cover**	N2004_079CK
-05	Ver. 5	2004.08.02	△4 **Front Page (Model Line Up), Page 1-1, Page 4-1, Page 4-2, Page 4-3, Page 4-4, Back Cover**	N2004_083AK
-06	Ver. 6	2004.08.17	△5 **Front Page, Page 2-1, Page 3-1, Page 4-1, Page 4-4, Page 4-5, Page 5-1, Back Cover**	N2004_094CK

<Remarks>

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PCG-X505CP (J)
VGN-X505ZP (AM)
VGN-X505VP (EU)
VGN-X505AP (AO)